

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	8744041
<b>Application Number:</b>	10023259
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6122
<b>Title of Invention:</b>	Microneedle devices and production thereof
<b>First Named Inventor/Applicant Name:</b>	Jung-Hwan Park
<b>Customer Number:</b>	20786
<b>Filer:</b>	James Michael Hannon
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	22300.105009
<b>Receipt Date:</b>	01-NOV-2010
<b>Filing Date:</b>	14-DEC-2001
<b>Time Stamp:</b>	16:18:26
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1		105009lds.pdf	300753 898ab6b2bfc3c1ab97e3f99fb745e700 ba037	yes	8

Multipart Description/PDF files in .zip description									
Document Description			Start	End					
Transmittal Letter		1		5					
Information Disclosure Statement (IDS) Filed (SB/08)		6		8					
<b>Warnings:</b>									
<b>Information:</b>									
2	Foreign Reference	DE_19525607.pdf	546855 676f8e94b570ced51a1d8691512622871d18c0045	no	10				
<b>Warnings:</b>									
<b>Information:</b>									
3	NPL Documents	NPL_Chun_An_Array_of_Hollow.pdf	1111943 626f9c0c08f6c9c9b27c3b1ed9b8130828c82d	no	6				
<b>Warnings:</b>									
<b>Information:</b>									
4	NPL Documents	NPL_Chun_DNA_Injection_into_Plant_Cell_1999.pdf	3180740 e071811f3a1d1db661b43dd1b78c09d6390ee3	no	4				
<b>Warnings:</b>									
<b>Information:</b>									
5	NPL Documents	NPL_Proceedings_of_the_IEEE_MEMS_Conf_1998.pdf	628665 a24fa703090def6c5af9a6607f495d3ba4fbf881f69	no	18				
<b>Total Files Size (in bytes):</b>				5768956					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.